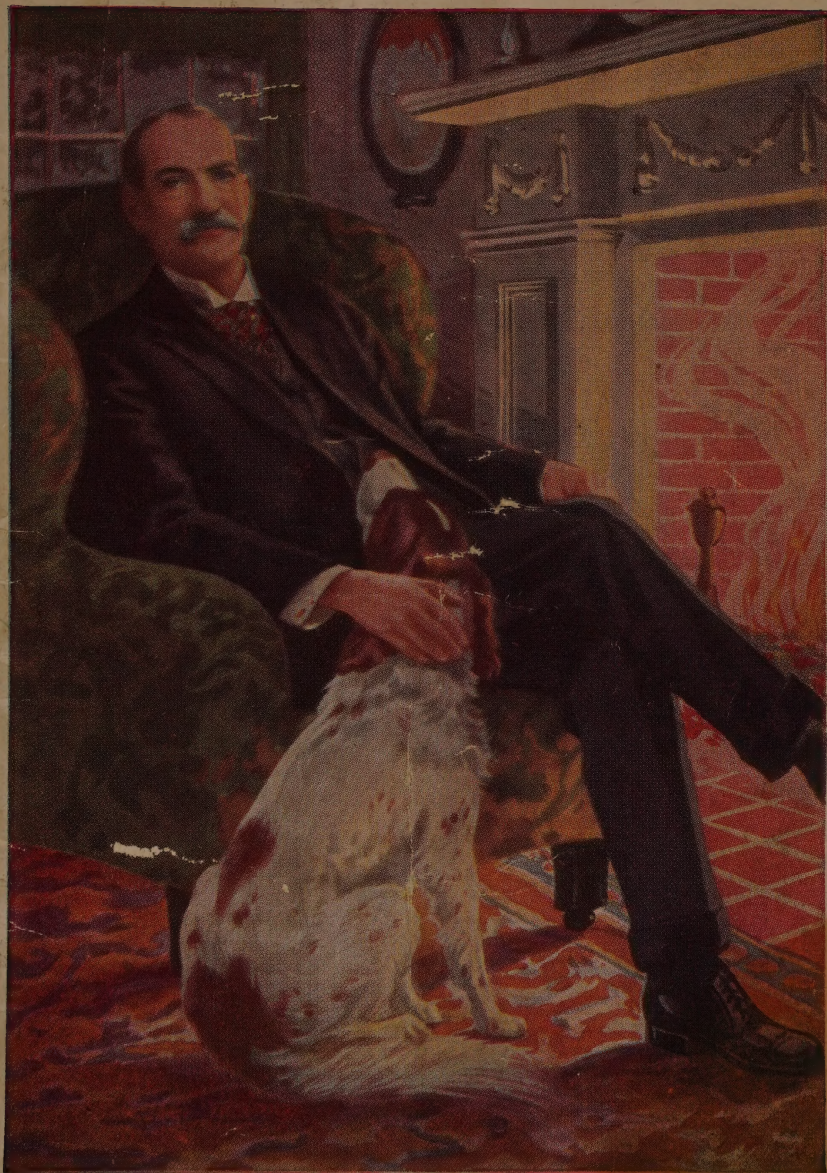




REPRODUCTION FROM PAINTING OF POLK MILLER AND HIS DOG "SERGEANT"

POLK MILLER'S DOG BOOK

Senator Vest's "Tribute to a Dog"

SENATOR VEST, of Missouri, was attending court in a country town, and while waiting for the trial of a case in which he was interested, he was urged by the attorneys in a dog case to help them. He was paid a fee of \$250 by the plaintiff. Voluminous evidence was introduced to show that the defendant had shot the dog in malice, while the other evidence went to show that the dog had attacked the defendant. Vest took no part in the trial and was not disposed to speak. The attorneys, however, urged him to make a speech, else their client would not think he had earned his fee. Being thus urged, he arose, scanned the face of each jurymen for a moment, and said:

"Gentlemen of the Jury: The best friend a man has in the world may turn against him and become his enemy. His son or daughter that he has reared with loving care may prove ungrateful. Those who are nearest and dearest to us, those whom we trust with our happiness and our good name may become traitors to their faith. The money that a man has he may lose. It flies away from him, perhaps, when he needs it most. A man's reputation may be sacrificed in a moment of ill-considered action. The people who are prone to fall on their knees to do us honor when success is with us may be the first to throw the stone of malice when failure settles its cloud upon our heads. The one absolutely unselfish friend that man can have in this selfish world, the one that never deserts him, the one that never proves ungrateful or treacherous, is his dog. A man's dog stands by him in prosperity and poverty, in health and sickness. He will sleep on the cold ground where the wintry winds blow and the snow drives fiercely, if only he may be near his master's side. He will kiss the hand that has no food to offer; he will lick the wounds and sores that come in encounter with the roughness of the world. He guards the sleep of his pauper master as if he were a prince. When all other friends desert he remains. When riches take wings and reputation falls to pieces, he is as constant in his love as the sun in its journey through the heavens.

"If fortune drives the master forth an outcast in the world, friendless and homeless, the faithful dog asks no higher privilege than that of accompanying him, to guard against danger, to fight against his enemies, and when the last scene of all comes, and death takes the master in its embrace, and his body is laid away in the cold ground, no matter if all other friends pursue their way, there by the graveside will the noble dog be found, his head between his paws, his eyes sad, but open in alert watchfulness, faithful and true even in death."

Senator Vest sat down. He had spoken in a low voice, without any gesture. He made no reference to the evidence or the merits of the case. When he finished, judge and jury were wiping their eyes. The jury returned a verdict in favor of the plaintiff for \$500. He had sued for \$200.

Dedication

THIS booklet is respectfully dedicated to the late Mr. Polk Miller, founder of the Polk Miller Drug Company and for forty-five years its president.

Mr. Miller was a huntsman, a sportsman, a lover of dogs and for fifty years a prominent druggist and chemist of Richmond. He was the originator of the famous line of Sergeant's Dog Medicines. "Sergeant" was Mr. Miller's favorite hunting dog, and he gave this name to his medicines in loving memory of a true, intelligent and faithful dog.

POLK MILLER DRUG COMPANY, INC.

RICHMOND, VIRGINIA

Introduction

OUR purpose in publishing this booklet is to give helpful information in caring for dogs in sickness and in health.

All of the common ailments are fully described and the proper treatment is suggested. If your dog develops unusual symptoms write us in detail and your letter will be given immediate attention by our Free Advice Department. This department is conducted for the benefit of all dog owners, and there is no charge for this service.

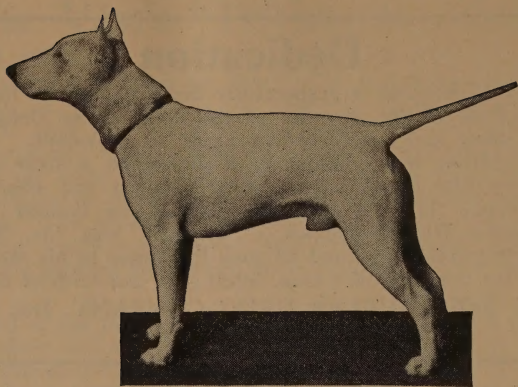
When writing about your dog always give, sex, age, breed, all the symptoms you notice, how long the animal has been sick, what you have been feeding and whether the dog has been wormed or treated before; this is necessary in order that you may receive prompt medical advice from our doctor.

Sergeant's Dog Medicines have been before the public for half a century. Only the purest and best drugs are used in their preparation. We have always kept pace with modern scientific practice and discovery and introduced new medicines or made changes in our old formulae whenever we see an opportunity for improvement.

Dog owners can rely upon Sergeant's Dog Medicines at all times to be safe and effective and the last word in the scientific treatment of canine ills.



Chart showing what ails your dog and what to do for him
will be found on pages 24 and 25.



ENGLISH BULL TERRIER

Helpful Dont's for Dog Owners

DON'T be ashamed of loving a dog. Pet your dog, and be friendly with him, because he is a dog. Kindness runs strong in the dog's nature, and he quickly responds to it.

Don't wait until disease has taken so secure a hold that it cannot be quickly eradicated. This is a failing characteristic of a great many dog-owners. The "go-off-and-eat-grass-and-get-well" theory doesn't hold good in this latter-day civilization.

Don't give a pill in a careless manner. See page 10 for full instruction. Give liquids to a dog by pouring the medicine from a spoon while the mouth is held open. Another plan is to draw open the side flaps of the lips (flew or chops) by inserting the first finger; this will form a pocket or funnel into which pour the liquid medicine, food or water. Keep head elevated and gently pry open jaw with spoon you are using.

Don't leave the feeding or giving of medicine to a careless person. If you do, you can count on it that your dog will be irregularly fed and the medicine improperly administered—if at all. Many good medicines are described as worthless because the giving of them has been left to a careless, indifferent person.

Don't overlook the fact that worms destroy *more puppies* than any other cause. Sergeant's Sure Shot Capsules are the safest and best vermifuge for puppies. A puppy should be thoroughly wormed. He will then have a strong, healthy constitution that will enable him to withstand the ravages of ordinary diseases.

Don't keep your dog on a chain unless you have provided some means for him to exercise. A ring fastened on a wire stretched between his kennel and some convenient post will permit his walking to and fro. Many dogs suffer from constipation for lack of just such exercise.

Don't let your dog suffer during the summer months for want of shelter to protect him from the extreme heat of the day. Especially is this true of puppies. Select a cool, dry spot and provide shelter for them. Puppies will thrive best during the warm months of the year if a floor of wood is provided rather than bedding which harbors fleas and filth.

Don't feed your dog continuously on the same diet of cooked or raw meat, starchy food or corn bread. Dogs thus fed suffer from fermentative indigestion. A single meat diet creates a distaste for other and more varied foods. Indigestion may cause an intense itching of the skin, the hair becomes matted with moist eczema and falls out. This moist eczema is often mistaken for mange.

Don't give your dogs hot food; it is not natural, softens their teeth and leads to indigestion. Nor should you exercise or hunt your dog after a meal or just before it. How would you like to run a half mile after a hearty meal?

Don't throw a dog into water because he does not plunge in at command. If you do, you will spoil his future as a water dog. Coax him to walk in by degrees, but better still, if possible, let him see some other dog swim out for a stick; if not an inveterate coward, he will soon enter into the fun of the thing—and the water. In summer a pan under a dripping spigot makes a good dog fountain.

Don't allow the same drinking water to remain day after day without a change. Frequent change of water should be

provided and placed where the sun will not shine upon it. A vessel that can be quickly and thoroughly cleansed is best adapted for the purpose.

Don't—when washing a dog—use ordinary soaps that contain an excessive quantity of alkali, soaps that make the coat harsh and rough and deprive it of its natural gloss. Sergeant's Skip-Flea Soap imparts a clean, healthy appearance to the skin, promotes and invigorates the growth of hair and restores the natural gloss which nature intended it should have.

Don't feed your dog sweets, pastry or potatoes.

Don't expose your dog to distemper. There are people who believe if a dog must have distemper it is best to have it now and be over with it. Many a dog has gone through life without having this dread disease.

Don't fail to worm puppies when they are four weeks old with Sergeant's Sure Shot Capsules. You will be surprised how the puppies will begin to put on weight, bone and muscle after they are thoroughly wormed.

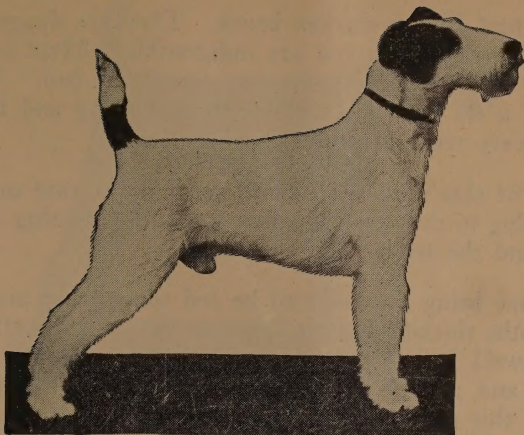
Don't let your dog suffer from fleas and other insects. Wash him with Sergeant's Skip Flea Soap. After the bath sprinkle Sergeant's Skip Flea Powder on him. Fleas cause eczema by irritation and often carry worm eggs and mange mites.

Don't wash puppies until they are three months old unless they get into filth that cannot be removed otherwise. Brush and apply Sergeant's Skip Flea Powder.

Don't neglect looking at your dog's teeth once in a while. Decayed or ulcerated teeth should be pulled at once.

Don't allow your dog to sleep on cement floors. Cement is often cold and damp and will cause rheumatism and lameness. Provide him with a quilt, blanket or straw. Make frequent change of litter.

Don't allow water to get in your dog's ears when washing him or teaching him to swim. If you do your dog is liable to have ear canker, a most annoying trouble.



WIRE-HAIRED FOX TERRIER

How to Feed

THERE are no hard and set rules governing the quantity of food to give a dog. It is a matter of watchfulness on the part of the dog owner and the use of good judgment in not giving too much. Better always have your dog a little hungry than over-fed.

The food should vary—otherwise it will become distasteful. Some dog owners make the mistake of feeding one kind of a food exclusively. No one food contains the necessary protein, fats and carbohydrates required for good health and strong development.

Boiled vegetables, with meat, should be fed during the summer months. Potatoes should never be fed. It is the one vegetable a dog's stomach cannot digest properly.

Soups that are not too greasy make an excellent food and add variety to the diet. Dry broken bread is another means of altering soupy food, and well-boiled rice can be mixed with both soup and gravy and fed to advantage. Meat cooked in the soup or vegetables is better than a meal consisting of nothing but meat, which fed alone is apt to cultivate dislike for other foods.

Do not feed fish or chicken bones. They are dangerous and the latter splinter easily and are indigestible. Meat bones that have sharp and irregular points are equally as bad. A smooth knuckle or a rib bone is excellent for your dog and he should have one every week or oftener.

A bone of this kind with small portions of raw meat on it induces a dog to exercise his salivary glands, creating an aid to digestion and the teeth.

Pups after being weaned can be fed soups, that are not too greasy, broths thickened with bread or rice. Gradually add to their diet well boiled vegetables (with the exception of Irish potatoes), and a little well cooked meat. For further information on this subject read our article on "Rearing Puppies" and "Puppy Notes" on another page of this book.

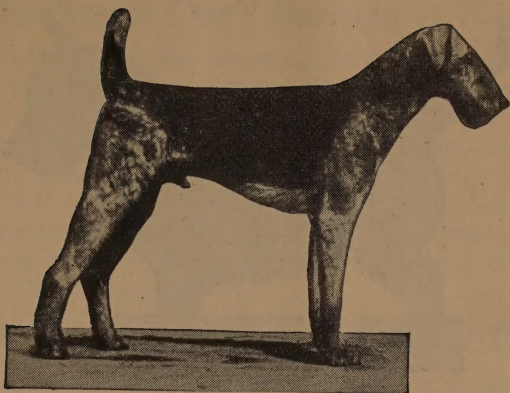
Puppies that are three to four months old can be fed the same kind of food as a grown dog, but in smaller quantities and more frequently.

The growing puppy should be fed at least three or four times daily until he is nine months old. From this age on, for active outdoor dogs, two meals a day will answer, but where exercise is not given or the dog is confined indoors, one meal a day is ample, preferably in the morning.

Candy and sweets should not be given to a dog. When you give them to your dog you are preparing for trouble, for it may result in an upset stomach and indigestion.

See that your dog gets outdoor exercise every day; is fed his meals at regular hours in proper proportions of clean, wholesome, plain food, not in excess of what he will eat. Occasionally crush one Sergeant's Pepsin Tablet in the food to aid digestion. Do this and your dog will enjoy good health.

If the dog has a ravenous appetite and does not seem to thrive, treat for worms with Sergeant's Sure Shot Capsules. If your dog has no appetite, give Sergeant's Condition Pills before and Sergeant's Pepsin Tablets after meals.



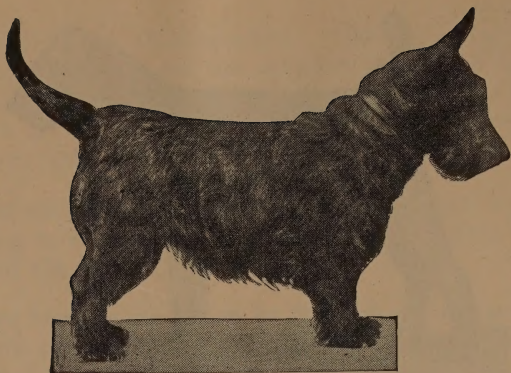
AIREDALE

Bathing and Grooming the Dog

ALL dogs should be bathed twice a month in winter and once a week when the weather is hot, except when the dog is old or very delicate. This will keep the skin in good condition and the coat will be soft and luxuriant. Sergeant's Skip-Flea Soap imparts a profuse lather that cleans, kills fleas and lice and keeps the hair from matting. Do not bathe puppies until they are three months old, unless necessary.

Have the water luke warm and dry the dog thoroughly with rough cloths. In cool weather do not take the dog out of doors until it is thoroughly dry. Contrary to some opinions, washings do not injure the texture of the dog's coat, provided the soap is pure, free of excessive alkali and thoroughly washed off and rinsed after each bath. Sergeant's Skip-Flea Soap is pure and free of excessive alkali. Its cocoanut oil base gives the coat a shine and a gloss that is so much desired.

After the bath, give the dog a careful grooming. For smooth-haired dogs rub the coat briskly with a dry cloth, brush rough-coated dogs, and brush and comb long-haired dogs. In every instance, use a chamois skin to add the finishing touch of polish and brightness. Grooming should be done every day with a stiff brush and comb.



SCOTTISH TERRIER

House Manners

PUPPIES, from the time they are weaned, can be taught to be clean and go to a box containing sand or sawdust.

Put them in this box several times a day, especially after feeding. It is astonishing how quickly they learn to go to the box regularly. They should always be taken out or to the box after feeding, as kidneys and bowels act at this time.

Older puppies, that have not been trained, sometimes are more difficult to teach and require watching, and to be put out frequently. Often they will misbehave immediately after being let in from a run. If so, scold and put them out again.

Many young dogs are clean in the house during the day but misbehave at night. Such dogs should be made to sleep in a small, covered box or basket and put out in the morning. A dog is slow to soil his bed and this will teach him to be clean.

Kennel dogs that soil their bed can be broken of this habit by persistently giving them their food on the soiled bed.

To Stop a Hunting Dog from Crushing Birds

Stuff a bird with cotton in which numerous pins have been inserted. After firing, throw the stuffed bird for the dog to retrieve. When he begins to crush bird and feel the pins the dog learns to be careful not exert too much pressure.

To Stop a Dog's Barking at Night

SOME dogs have the annoying habit of barking at night. An easy way to break them of this nuisance is to place a bell in the dog's sleeping quarters with a string attached and running into your bedroom. Every time the dog barks pull the string. The noise of a bell is disliked by dogs and you will find this will stop night barking quickly. A dog who has a covered box to sleep in is less inclined to bark than one sleeping in the open, or a dash of water in the face will break a noisy dog's habit of barking.

To Break a Dog from Sucking Eggs

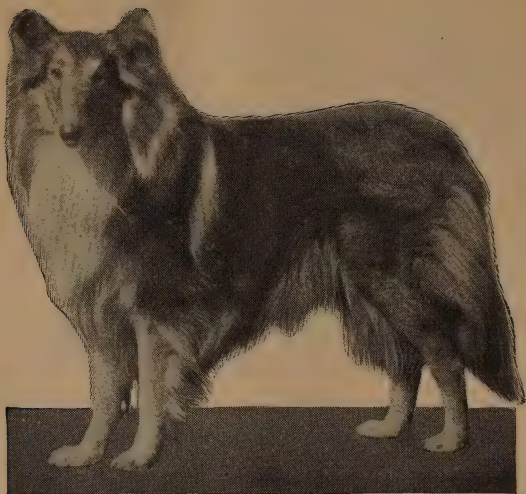
Make it your business to see that the dog gets an egg that is rotten. If this does not break him of the habit remove the contents of a good egg through a pin-hole and fill the shell with water and cayenne pepper. Seal the pin-hole and place the egg where the dog can get to it easily. It seldom takes more than one loaded egg to teach the dog to leave eggs alone. Do not tempt him by leaving the henhouse door open.

To Stop a Dog from Killing Chickens

Severe punishment with a whip when you can catch the dog running after or killing chickens usually breaks him of this habit. If the whip and scoldings are not effective, take the chicken the dog has killed and tie it securely to the dog's neck. Leave it there until the chicken has decomposed. The sight and the smell will linger always in the dog's memory. This drastic treatment seldom has to be repeated. The habit is generally acquired by puppies. A little scolding when chasing chicks will break most dogs of the habit.

To Break a Dog of Running at Automobiles

You may cure a dog of this dangerous habit by carrying a spray or an ammonia gun loaded with a mixture of water and cayenne pepper. When the dog gets close to the car shoot a spray of this mixture into his eyes. It will not do him any harm, but any dog that gets this dose once won't forget it. Many dogs die from this bad habit.



COLLIE

How to Give Medicines

TO GIVE pills, capsules or liquids, place the dog or pup in a corner and kneel down beside his right side or have another person hold him between the knees. Place the left hand over and under the jaws, using your thumb and finger in opening the mouth by pushing the skin of the jaw between the teeth. The right hand is free to pour the medicine or to place the capsule or pill down the throat. Then close the mouth and hold the head slightly upward, stroking the throat gently to encourage swallowing.

Bostons, Bull Terriers and English Bull dogs have muscular throats and some dogs can bring up a pill or capsule at will after swallowing.

Force is often necessary with some dogs and the first two fingers are needed to push a pill or capsule down back of the tongue.

A piece of meat or favorite food may be used to hide a pill.

Don't let a capsule break between the teeth, push forcibly back and down the throat with two fingers.

A little practice brings speed and but slight objection on the part of the dog.

Breeding

A BITCH is said to be in heat, or in season, when she is ready to breed, which is recognized by a swelling of the female organ, from which a bloody discharge flows for about seven days, changing to straw color, continuing seven days more. For safety, confine her twenty days or more.

The first heat generally occurs when the bitch is eight to nine months old, though in toy breeds it appears as early as the fifth month, while with large dogs it may not occur until the bitch is a year old, and sometimes later, recurring every six months.

Some breeders wait until the colored discharge has stopped before mating, but the best rule is to mate when the bitch will stand or receive the dog, which is usually seven days after the red discharge has shown.

Just after the bitch has been bred it is advisable to treat her for worms with Sergeant's Sure Shot Capsules. Repeat the treatment in two weeks. A bitch should be free of worms after breeding, or she will infect her unborn puppies and later on her nursing pups. This is a proven fact.

It is best during this time to feed the bitch three times a day. Do not overload her stomach and give a fair amount of meat at each meal. If her appetite fails, give her Sergeant's Condition Pills, one pill before each meal. Exercise and do not fatten her.

The skin should be kept clean and free from fleas and lice. Do not bathe the bitch after the seventh week in cold weather. After this time, sprinkle her daily with Sergeant's Skip-Flea Powder as it is very important that she be set free of insects before the puppies arrive. As long as the bowels are regular and normal no purgative medicine is necessary, but two days before the puppies are due give her two Sergeant's Constipation Capsules before breakfast.

Be sure to record the breeding date. The normal time for a bitch to carry her young is sixty-three days, but they may come a few days earlier and sometimes a few days later. Puppies

born before the fifty-seventh day seldom live. Just before the puppies are born, wash the teats, legs and entire stomach with a strong suds made from Sergeant's Skip-Flea Soap, to destroy any larva of worms that may have been picked up from the ground. If this is not done, the larva will be taken in by the puppies while nursing and worms will develop quickly and result seriously.

A few hours before the puppies are to come the bitch refuses to eat and seeks a quiet place. Once she commences to pup leave her alone and keep strangers away from her. She will care for herself and her puppies. Do not disturb her unless she needs special attention.

See that the mother's milk is plentiful and that the puppies are quiet and contented. If the puppies are restless, whine and do not seem to be properly nourished, give the mother a more substantial diet, which includes more meat and a Sergeant's Condition Pill before feeding.

Should it become necessary to feed the puppies when they are a few days old, use a nursing bottle and feed whole cow's milk at a luke-warm temperature. See that the milk has been brought to scald and slightly sweetened. If the puppies do not retain the milk, dilute it with lime water.

Two or three days after pupping a bitch may have an attack of diarrhoea. This should be checked, else she will be weakened and the puppies upset. Give her two Sergeant's Constipation Capsules, and two hours later begin giving Sergeant's Pepsin Tablets, two at a dose, three times a day until the diarrhoea is stopped. In acute diarrhoea also give one or two Sergeant's Diarrhoea Pills at same time.

Small breeds like Bostons, Pekingese and others often need help in whelping.

Place whole cow's milk before the bitch three times a day and at night. Large litters require more milk.

The larger the litter the more feed she must eat to convert into milk.

When in doubt about breeding or whelping, write at once to our Medical Director.



AIREDALE PUPS

Rearing Puppies

PUPPIES are born with eyelids closed and continue so from seven to sixteen days. If the eyes do not open within this time, wash them with a warm solution of half a teaspoonful of borax to a glass of water, then dry off and apply cold cream to the lids. Should the eyes be blood-shot with pus forming in the corners and on the lids, treat them at once with Sergeant's Eye Wash, allowing the liquid to flow over the eyeball.

At five weeks, puppies should be able to eat from a dish. After the puppy has had his nose dipped in the dish that holds warm cow's milk, he will learn readily to eat at will. The milk must be first scalded, slightly sweetened and fed luke warm. Bitch's milk is much richer than cow's milk.

At six weeks they can be weaned gradually. During the first few days the mother should be removed three or four hours each day. In a week allow her to be with her puppies at night only. After a week of this let her visit her babies a short while each morning and night until her flow of milk has stopped.

In the meantime the puppies should have been given whole cow's milk four times a day. When entirely weaned give the puppies meat broths and soups thickened with bread and rice and gradually add to their diet well boiled meats and vegetables. Do not feed potatoes as they are hard to digest, Avoid all chicken bones, but allow a big bone for chewing. Feed four times a day until four months old, then three times a day. Do not feed much at one time. The best plan is to feed often and lightly.

When litters are large, destroy or give away a few of the smaller or weakly pups. Also, begin feeding all of them with a bottle and nipple when three weeks old, using whole cow's milk, scalded and sweetened. Do not dilute it.

Some breeders give one teaspoonful scrapped raw beef to each puppy twice a day. This acts like a tonic medicine and if placed in a saucer of milk will help to wean them.

Many puppies die of weakness and starvation from lack of food and from worms.

Valuable breeds are worth the attention suggested above.

Puppy Notes

GIVE puppies over six weeks old green veal bones or an uncooked knuckle bone to chew on. It aids digestion and assists in the shedding of milk teeth and keeping down their sharp corners.

Worm every puppy just after weaning or at four weeks old with Sergeant's Sure Shot Capsules, giving one every four days for three weeks and follow each time within an hour with castor oil or give a sloppy diet and plenty of exercise. Clean up the pen after worms come and destroy them.

Give delicate puppies a very little well chopped, raw beef three times a day. If they cannot retain cow's milk add one tablespoonful of lime water to a saucer of milk.

Have regular feeding hours. This is very essential. Regularity means early and rapid development.

If puppies make the mother's nipples sore, anoint the nipples two or three times a day with cold cream; also, trim off sharp points of claws.

Nursing puppies of the heavy-coated breeds may break out in a rash or pimples and the hair may come out in patches; this is a milk rash. Rub the affected places with Sergeant's Mange Medicine diluted with three parts olive or sweet oil and give the mother Sergeant's Arsenic and Iron Pills; one pill three times a day.

Do not wash puppies until they are three months old, unless it becomes absolutely necessary. Keep them free of fleas with Sergeant's Skip-Flea Powder, brushed into the coat daily.

At weaning time, when changing to solid foods, don't over-feed and give each puppy one Sergeant's Pepsin Tablet, powdered and placed in the food. Watch for poor appetites in weakly puppies.

Worms in Puppies

PUPPIES are favorite victims of worms. Round worms in great numbers infest puppies even at birth, as it has been proven the worms are passed to the pups by the mother before birth. After birth they pick up the eggs from the bedding and from the skin of the mother. It is very important that puppies be freed of these parasites or the symptoms below will rapidly follow, causing great distress and even death.

All puppies should be wormed before and after being weaned, and once a month regularly, until the puppy is one year old; then once every three months.

Symptoms: Worms cause general unthriftiness, bloating after meals, poor, thin coat of hair, bad breath, watery eyes, pinched expression of the face, pale inner lips, frequent bowel movements of slime-like matter, pot belly, twitching while asleep; slight, soft cough; changeable appetite, with tendency to eat sticks, stones or grass. Eczema and skin eruptions may be noted. Fits or convulsions are common.

Treatment: To small pups, four to eight weeks old, give one Sergeant's Sure Shot Capsule in the morning, before breakfast, every four days for three weeks; for pups over two months old, give two Sergeant's Sure Shot Capsules in the morning, before breakfast, every four days for three weeks, and follow in an hour with castor oil. Warm milk or soup should be fed one-half hour after giving the medicine. Exercise also aids the bowel action. If the puppy should show a sensitive stomach by vomiting, it is a good plan to feed lightly and then give the capsules and also give one Sergeant's Pepsin Tablets three times a day for several days. Sergeant's Sure Shot Capsules will kill the worms and they may be digested and not seen in the bowel movements if not removed at once from the body.



GREAT DANE

Note: For many years we have been advising Sure Shot in liquid form for puppies for the reason that the dose could be graduated to suit the size, age and breed of the puppy. We have recently, however, after exhaustive research and after making many tests, under all conditions, perfected our Sure Shot Capsule so that it can now be given with perfect safety to pups of any age, size and breed, as well as to large and older dogs. An overdose is not injurious. They are certain to get the worms and can not cause any ill effects.

For the benefit of many users who prefer the worm medicine in liquid form we will continue to put up our Sure Shot Liquid to supply their demand. It has been our experience, however, that the average dog owner prefers medicine in capsule form because of the ease in administering.

When worming nursing puppies, also worm the mother, as her instinct to lick and clean the puppy after a bowel action continually reinfects her.

Remove her for several hours from the pups when worming them. Place them in a clean place on paper and burn the paper with the worm eggs and worms.

Worming brings health to the pup and freedom from disease. Hygiene is important in preventing worms.

Worms in Dogs

MANY people believe that a dog thoroughly wormed during its puppyhood will go through life free of worms. This is untrue, because more dogs die from the bad effects of worms than from any other trouble or disease. It is always safe to assume that a dog out of condition is infested with worms. Worms that infest dogs are the Roundworm, Maw or Pinworm, Whipworm, Hookworm and Tapeworm. Roundworms are most common, and live in the intestines but may also enter the stomach.

Dogs lick and eat fleas which often carry the larvae or eggs of worms. Worms break down the resistance against disease. Distemper and worms go hand in hand. Worming puppies and the mother is good insurance. Sergeant's Sure Shot Capsules carry their own laxative.

Symptoms: The dog does not thrive or show proper development; has a poor appetite or a ravenous one; is lazy and indifferent; pale gums, watery eyes and pus may form in the corners; itching of the anus, tendency to eat sticks, stones or filth; foul breath, dry, harsh coat, skin eruptions with falling hair; fits, diarrhoea with blood or slime. Any or all of these symptoms may be present.

Note: If your dog is constipated or a heavy eater, fast him the day preceding and give two Sergeant's Constipation Capsules at night and follow the next morning with the worm treatment. This is done to prevent digestion of worms and their poisons, and to quicken bowel action. Exercise after giving worm treatment.

Round, Whip and Hookworms

THE round or stomach worm, varies in length from one to five inches and is often vomited or passed in the stool.

Sergeant's Sure Shot Capsules, two before breakfast for small dogs and three for larger dogs, will remove the round, whip and hookworm.

The worms will be passed in the stool or digested with the food. It is best to repeat the dose the following morning, and then use Sergeant's Pepin Tablets to tone up the digestion.

Maw or Pinworm

THE maw or pinworm infests the lower bowel and the rectum, causes intense itching and is from half an inch to an inch long. These worms give great annoyance which disappears after the worms are expelled.

In addition to giving Sergeant's Sure Shot Capsules, it is advisable to give the dog an injection of warm salt water, using one teaspoonful of salt to a teacup of water.

Tapeworm

THIS worm was formerly very difficult to eradicate. They are white, flat, and long, and are often massed together, closing the intestinal canal, especially in young dogs.

The eggs of the tapeworm are contained in a sac about one-third of an inch long. It is flat and capable of motion but, in a short time, after passing from the animal body, it becomes attached to the hair or skin, drying up and resembling a grain of rice. The dog, in licking and biting itself, swallows this sac which carries over a thousand eggs, thus a new cycle of tape worm life begins. These eggs may drop on the ground and come in contact with bones or food. Segments of the tapeworm can often be seen clinging to the hind parts of a dog. It is a well known fact that fleas carry the tape worm eggs, which is another way of infesting your dog.

Symptoms: Puppies seldom show signs of tape worms before they are four months of age. Then colic with abdominal pains, due to obstruction and pressure, may be noticed. Appetite is irregular, growth is checked and bloating occurs. Biting at the abdomen, restlessness with fits or convulsions are caused by this worm in young dogs. Older dogs often show no other sign than the egg sac glued to the hind parts or on the bowel movements. Eczema is very frequently caused by the irritation of some form of worm, either tape or round worm. Poor coat and falling hair may result from tapeworm poison in the system.

Treatment for Older Dogs: Sergeant's Improved Tapeworm Medicine has proven to be the very best remedy for .



RUSSIAN WOLFHOUND

this pest in dogs. It does not require any fasting, and is given in a small dose. Best results are obtained, when constipation is present, by giving two or three Sergeant's Constipation Capsules after a light supper. The next morning give, after a light breakfast, one Sergeant's Tapeworm tablet every fifteen minutes until free bowel action is started. Some dogs, on account of their size and weight, require three to five tablets or more, giving one tablet of Sergeant's Improved Tapeworm Medicine every fifteen minutes until complete bowel action has been produced. Your dog should be carefully watched during this treatment and the bowel movements examined and burned to prevent further trouble.

Tapeworms do not seriously affect puppies under four months and we do not advise the treatment before this age. To puppies (four months and over) give one tablet after a very light breakfast. Bowel action should follow within twenty minutes. Perhaps a slight vomit will occur—however, the medicine has been absorbed and this does not interfere with its action. If no bowel movement is seen give another tablet,

which will increase the intestinal movement and produce desired effect. Examine carefully the feces. Tapeworms are readily seen, being long, flat and white and ribbon-like in appearance. Should loose discharges follow this treatment it may be checked by feeding boiled milk, toasted bread and Sergeant's Pepsin Tablets, one or two at each feeding. Puppies swallow all kinds of peculiar objects, such as marbles, sticks, stones, straw, paper, coal, earth, chunks of bone, etc. The best treatment possible for same is to use, at once, one Sergeant's Tapeworm Tablet, and repeat in twenty minutes for complete bowel evacuation.

A General Tonic for Your Dog

DOGS suffer from nervous depression, loss of appetite, run-down condition, irritability, restlessness and sluggishness.

They need a tonic to prevent or relieve these conditions. There is nothing like a tonic to restore a dog to health if he has suffered from sickness. A tonic is necessary for a sick dog and for a well dog. Sergeant's Condition Pills are unequaled for treating nervous troubles, loss of appetite, general weakness, and the after effects of distemper. They will nourish the skin and will keep the coat healthy, soft and glossy. Give your dog occasionally Sergeant's Condition Pills, as they will strengthen him, and give him power to resist diseases, which he might otherwise contract. Bitches carrying puppies should have a tonic in order that the pups may be strong and the mother healthy. Sergeant's Condition Pills are excellent for a well dog and are unequaled for a sick dog.

DIRECTIONS—For pups and small dogs give one pill twice a day before feeding, for large and older dogs give one pill three times a day before feeding. A change each week, alternating with Sergeant's Arsenic and Iron Pills is found very beneficial.

When writing about your dog, always give sex, age, breed and all the symptoms you notice; how long the animal has been sick; what you have been feeding; whether the dog has been wormed or treated before; all this is necessary in order that you may receive prompt medical advice from our doctor.



DOBERMAN PINSCHER (POLICE DOG)

Distemper

PUPPIES at weaning time are most susceptible to distemper, though dogs of any age develop it. The dog has the disease a few days before changes are noted. Then may come combinations of the following symptoms: Dry nose, watery, dull eyes; vomiting, cough, thirst, hot skin with a fever, odor, slight desire for feed, gagging and a tendency to want to sleep all the time.

Later symptoms may be: Loss of weight, dullness, constipation or diarrhoea of an offensive nature, scanty urine, nose may be hot or cold, with a clear discharge, which changes to a thick, gummy mucus; dull, water eyes; white pustules may appear on the abdomen or all over the body. These dry up and itch. The lungs, stomach, intestines or nervous system may be affected. If in the nervous form, there is chorea, a jerking and twitching of the muscles.

Treatment: To puppies and small dogs give Sergeant's Dis-

temper Medicine, one capsule and two pills three times a day; to grown dogs, two capsules and three pills three times a day. In severe cases in puppies or grown dogs, give both medicines four times a day.

If there is continued coughing, give Sergeant's Cough Medicine and when the diarrhoea is persistent, check it with Sergeant's Diarrhoea Tablets. When the dog shows improvement, follow with Sergeant's Condition Pills, until he is restored to full health.

Keep the dog free from draughts, nurse carefully, do not exercise, see that the dog eats nourishing foods, such as chopped raw beef, and broth with oatmeal or rice. If the dog becomes very weak, feed beef tea and raw eggs. Resort to force feeding if necessary of both food and water. As distemper is a germ disease it is advisable to keep kennel sleeping quarters and yard thoroughly disinfected with Sergeant's Disinfectant.

To Prevent Distemper

It is estimated that seventy-five per cent of all dogs either have had or will have distemper. The loss of life due to this terrible disease is appalling and those dogs that survive are, in many cases, left with some pathetic troubles.

No dog owner or breeder should take the risk of raising a puppy unless it is vaccinated against Distemper. It is a simple matter to do, is painless, harmless and the excellent results make it well worth while. The immunity lasts until the puppy is a year old and protects it against colds and pneumonia.

There are dog owners and breeders who doubt the value of vaccines. Exhaustive tests made for us have demonstrated the effectiveness of distemper vaccine and we unhesitatingly recommend the use of this vaccine for immunizing all puppies. This treatment does not give the dog distemper, as is believed by some dog owners. A slight reaction may be noted, which is a good sign, but is not the disease.

Keep away distemper and worms from your dog, and he will escape his deadliest enemies.

Coughs and Colds

COUGHs may come from distemper, worms, laryngitis, pneumonia or asthma. If from the last three use Sergeant's Dog Rub on the throat or chest, applied with friction twice a day. If from distemper or worms then those symptoms must be treated. Persistent cough is a danger signal. Give Sergeant's Constipation Capsules to move the bowels and throw off poisons in the system, Sergeant's Cough Medicine to check the cough and Sergeant's Condition Pills to restore the appetite, tone up the system and give the dog vitality and pep. This same treatment should be applied to colds, unless there are pronounced symptoms of distemper or worms.

Eye Troubles

IT is wise precaution to treat first symptoms of diseases of the eyes, be they ever so slight with Sergeant's Eye Wash.

The most frequent affections of the eyes are injuries from blows, cutting by briars in hunting dogs, catarrh and inflammatory conditions, such as intense redness, excessive mucus secretions, irritations and itching.

Causes of most eye troubles are indigestion, fever, worms and distemper. If the conditions do not respond readily to treatment with Sergeant's Eye Wash, then watch the dog for symptoms to determine the cause and treat them promptly.

Poodles and other long-haired dogs have eye troubles which in many cases are due to hair getting in the eyes and causing an unusual flow of tears, which later cause redness and inflammation. Treating the eyes often with Sergeant's Eye Wash will relieve these troubles after hair has been trimmed around the eyes. It is wrong to believe that cutting such hair will cause blindness.

Chorea

CHOREA or St. Vitus Dance is a nerve affection causing an involuntary jerking or twitching of the muscles and generally exists as a result of Distemper. It is sometimes seen as a temporary condition due to worms or other causes that affect the nervous system. The pain at the start subsides in chronic cases.

Chart Showing What Ails Your

AILMENT	MEDICINES	PRICE	TREATMENT
DISTEMPER CHOREA	Sergeant's Distemper Medicine..... Sergeant's Condition Pills.....	\$1.20 .60	Page 21-22 Page 23, 26
WORMS (Round, Pin Whip and Hook)	Sergeant's Sure Shot Capsules.....	.60	Page 15-16-17-18
TAPE WORM	Sergeant's Tape Worm Medi- cine.....	.60	Page 18-20
WEAKNESS AND GEN'L DEBILITY	Sergt's Arsenic and Iron Pills..... Sergeant's Condition Pills.....	.60 .60	Page 20
MANGE AND ECZEMA	Sergeant's Mange Medicine..... Sergeant's Arsenic and Iron Pills..... Sergeant's Skip Flea Soap.....	.65 .60 .25	Page 28-29 Page 27
EAR CANKER	Sergeant's Canker Wash..... Sergt's Arsenic and Iron Pills.....	.60 .60	Page 30
BLACK TONGUE SORE MOUTH	Sergeant's Well Mouth..... Sergeant's Pepsin Tablets.....	.60 .60	Page 31-32
EYE TROUBLES	Sergeant's Eye Wash.....	.60	Page 23
C O L D S AND COUGHS	Sergeant's Cough Medicine..... Sergeant's Condition Pills..... Sergt's Constipation Capsule.....	.60 .60 .60	Page 23
RHEUMATISM LUMBAGO	Sergeant's Rheumatic Pills..... Sergeant's Dog Rub.....	.60 .60	Page 35
INDIGESTION	Sergeant's Pepsin Tablets.....	.60	Page 33
DIARRHOEA	Sergeant's Diarrhoea Pills..... Sergeant's Pepin Tablets..... Sergeant's Sure Shot Capsules.....	.60 .60 .60	Page 34-35
FITS	Sergeant's Sure Shot Capsules..... Sergeant's Condition Pills.....	.60 .60	Page 37
RUNNING FITS	Sergeant's Run Fit Medicine.....	2.00	Page 37-39
CONSTIPATION	Sergt's Constipation Capsule..... Sergeant's Condition Pills.....	.60 .60	Page 31
FLEAS, LICE, TICKS AND HARVEST BUGS.	Sergeant's Skip-Flea Soap..... Sergeant's Skip-Flea Powder..... Sergeant's Disinfectant.....	.25 .25 .25, .50 .75, 2.00	Page 41

Dog and What to Do for Him

USUAL SYMPTOMS

Early signs: Cough, fever, dry nose, vomiting, loss of weight, thirsty, hot skin, slight desire for food, dull coat, tendency to sleep. Later symptoms: Discharge from eyes and nose, quick breathing, dark, loose stool, pustules on skin and abdomen. **Chorea** usually follows Distemper. Jerking or twitching of the muscles of any part of the body.

Bad breath, watery eyes, ravenous appetite, pinched expression of face, pale inner lips, frequent bowel movement of slime-like matter, pot-belly, twitching while asleep; fits; slight soft cough; changeable appetite, with tendency to eat sticks, stones or grass. Eczema and skin eruptions may be noted.

Symptoms largely similar to those of worms. Segments of worm may be noticed hanging to anus or about it. Tapeworm is white and flat.

Listlessness, laziness, sluggishness; loss of appetite; coat dull and dry; avoidance of all companionship; sulkiness and irritability; nervousness.

Mange: Acute itching caused by parasites attacking head, feet, legs or body. Redness, pimples, sores from scratching, thick skin with scaly crusts.

Eczema: Hot skin, dog scratches irritations, rash or redness, skin tender, pustules, scabs, raw, moist patches, hair drops out, scaly skin.

Ear hot, swollen, tender, fever inside ear, dark, foul discharge.

Black Tongue: Very red, sore patches on lips or tongue, dropping of ropy saliva, tries to eat and drink, emaciates, fever, bad odor, ulcers, foul smelling stools. **Sore Mouth:** Many sore mouths are caused by defective teeth. It is well always to examine the teeth often and have the diseased or decayed teeth extracted.

Blue or opaque eyes with pus or matter in corners caused by indigestion, fever or worms. An ulcer is a small, grayish white spot. Eye troubles are painful, cause fear of light, lids gummy or glued, eye-ball or lids blood-shot.

Nose hot and dry, throat tender when pinched, coughs easily. In Distemper the cough is husky with accumulations of mucus. May vomit.

Rheumatism affects the muscles and joints in any part of the body. It sets in abruptly with pains in the joints, stiff gait, short steps, chills, fever, thirst, off-feed, constipation, and highly colored urine. In Lumbago there will be pain in the loins, stiff neck or shoulders, very sore muscles and often the dog is unable to turn over, move or walk upstairs.

Vomits after eating, sometimes in the morning before breakfast, unusual thirst, tongue dry and brick colored. May be diarrhoea or constipation. Full of wind, is dull and listless.

Diarrhoea results from worms, overfeeding, improper foods, colds or distemper.

Animal clamps jaws and froths at mouth, muscles jerk and throws body to floor with four legs rapidly moving. Lasts a few seconds or minutes. Dog rises and is stupied. May be starting of Distemper, or caused by worms.

Dog begins acting in a strange way, as if greatly frightened; looks around and begins barking and running; he will continue going, barking or yelping until lost or is in a dazed state; he will endeavor to find a dark retreat and does not appear for some time.

Slow, painful movements of hard, dry, chalky stools, and straining without results. A passage of black slime shows bowel obstruction.

Little black insects running through the hair on the skin cause intense itching and other troubles. Lice are blue and most frequently found on puppies about the head and necks. Ticks, first small and flat, but filled with drops of dog's blood and appear fat and pale blue.



BEAGLE

CHOREA—(Continued from page 23)

Treatment: Start by treating for worms with Sergeant's Sure Shot Capsules and follow with Sergeant's Condition Pills for a week, then give Sergeant's Arsenic and Iron Pills, alternating weekly, to act as a tonic and regulator. Keep the dog quiet, feed nourishing foods and have the sleeping quarters well ventilated, warm and dry.

When Chorea results from distemper it is incurable with any remedies so far discovered, it is not necessarily fatal unless complicated with some other condition, and is practically painless after becoming once established. It can be relieved to a certain extent by a course of treatment with Sergeant's Arsenic and Iron Pills over an extended period, the affected muscles massaged daily with Sergeant's Dog Rub and the dog fed on nourishing foods and not allowed to hunt or run free.

FREE DOG ADVICE

If your dog is afflicted with an ailment you do not find referred to on pages 24 and 25, write us giving full symptoms. We maintain a Free Advice Department in charge of a veterinarian of long experience who will give your letter prompt, personal attention.

POLK MILLER DRUG CO., INC.

Free Advice Department

RICHMOND, VIRGINIA

Eczema

ECZEMA is an inflammatory, non-contagious disease of the skin, attended by itching. The word is Greek, which means "to boil out."

The disease occurs very frequently and assumes many forms ranging from symptoms with light itching or burning to old chronic cases with thick, cracked skin. It attacks principally the back, along the tail, on the head and about the face, though it may extend to all parts of the body. It is indicated by swellings and tenderness, a red appearance of the skin which exudes a thick fluid, drying to form a crust which mats the hair; this is moist eczema which changes in appearance and the skin becomes dry and covered with scales. Sometimes large water blisters appear close together: the fluid in them is clear and watery but soon becomes thick and sticky. In another form there is simple redness with slight swelling in extended patches over the body. The dog bites and scratches or licks his skin until it is raw.

The cause of eczema is often hard to discover, being both external and internal. Strong soaps and disinfectants with either free alkali or acid, too much heat from a fireside, hot sun, or long coat. Fleas and lice may start the whole trouble.

The internal causes include disorders of digestion from over-eating, constipation, auto-infection, ptomaine (rotten food), nerve affections, debility, uric acid tendency and worms.

Eczema often runs a long, chronic course and always accompanies mange.

Treatment: As it is a constitutional disease, it requires patience and constant treatment to overcome it, and must be treated internally. Change diet or try to determine the cause; if the skin is raw apply powdered starch freely and often. If Eczema is general, bathe every four days in Sergeant's Disinfectant; two ounces to the gallon of warm water. For poor condition or dry, scaly skin surface give Sergeant's Arsenic and Iron Pills; alternate weekly with Sergeant's Condition Pills, one pill three times a day. For poor digestion give Sergeant's Pepsin Tablets. The diet in eczema should be largely raw meat and well cooked green vegetables seasoned with soup or gravy. Spring and fall are the usual times for eczema to appear, so all dogs should be kept free of fleas and given special care at these seasons. At the first indication of any skin trouble give the dog a thorough worming with Sergeant's Sure Shot Capsules. A dog cannot be relieved of any skin disease if infested with worms.

Mange

THERE are two forms of mange, Sarcoptic and Follicular. The skin disease produced by each is highly contagious and both are caused by parasitic mites.

Sarcoptic mange, also called dog itch, the most common form of this skin disease is recognized by intense and constant itching, small-pointed pimples which later may develop into pustules from which scabs are formed on the skin. The parasite first attacks the head and ears, then the shoulders, elbows, thighs and feet. The irritation spreads rapidly and unless checked soon covers the entire body. Sarcoptic mange differs from eczema in its tendency to spread and its peculiar odor. Heat always aggravates any form of skin disease.

Treatment: Remove coat on a long-haired dog if the disease appears to be general. Wash parts with a hot, strong suds made with Sergeant's Skip-Flea Soap, rubbing in well with a scrub brush. Prepare a bath made with Sergeant's Disinfectant, using six tablespoonfuls to each gallon of wash water for the above treatment. Rinse off well and dry thoroughly and apply Sergeant's Mange Medicine. Continue to apply mange medicine every day for a week, then wash as before and repeat. If improvement is noted by a lessened itching the applications may be made less frequently. In treating any skin disease always give Sergeant's Arsenic and Iron Pill to purify the blood.

Note: If a delicate dog, or one with raw skin areas, dilute the mange medicine with cottonseed or olive oil; one-half or one-third as required.

Failure to cure is generally due to lack of attention and proper application. Thousands of parasites are produced in a short time from one mange mite, hence the need of careful attention. Clean out and disinfect the sleeping place with the left-over liquid from the above bath, and wash collars, brushes and combs in the above bath. Sprinkle balance over yard or kennel.

Keep a dog warm under this treatment, but not near a stove. The disease is readily cured if properly treated.

Follicular Mange

THIS is a rarer form of mange and is frequently mistaken for old, chronic cases of Sarcoptic mange. The parasites bury themselves deeply, following the hair follicles and the glands of the skin. The disease develops gradually; bare, round spots show about the legs, the face or the body, and small, hard pimples appear that resemble blisters. As the disease increases, the hairs drop out, the skin thickens, dries and cracks. There is not so much itching but the dog shakes and licks himself. A strong, offensive odor is noted. Owing to the depth of the channels that the mite makes under the skin, treatment must be very thorough and long continued. A case of many months standing, showing emaciation and general debility, is not worth trying to cure. However, Follicular mange must not be mistaken for Sarcoptic mange, which is readily cured.

Treatment: The treatment recommended for this form of mange in light cases is the same as given for Sarcoptic mange. When two weeks' careful application does not appear to improve the dog's condition, you are requested to write our Medical Director for special advice.

Ringworm

A PARASITE entirely different from the mange mite is the cause of ringworm. It is contagious and appears on different parts of the body in circular patches bare of hair and affects usually the face, neck, fore legs and body. The spots reveal a rough skin, dotted with red pimples, which cause slight itching.

Treatment: Apply lightly every day Sergeant's Mange Medicine, undiluted to the bare spots. Every four days bathe the entire body in a hot bath, using Sergeant's Skip-Flea Soap. Skin diseases are always benefitted by a course of Sergeant's Iron and Arsenic Pills, alternated weekly with Sergeant's Condition Pills. Ringworm and Sarcoptic Mange, called Scabia in man, are often transmitted to humans.



ENGLISH SETTER

Internal and External Ear Canker

DOGS' ears are subject to injury and disease. Long-eared breeds more so than terriers. Water, filth, dried secretion, parasites and eczema cause the disease in the ear canal.

Canker is the term commonly used for all ear troubles.

Dog bites, briar cuts, bruising by shaking the head to relieve itching of the ear canal cause external canker. Pawing at the ear or rubbing it because of pain increase the trouble.

Symptoms: A tender, inflamed skin with more or less odor and discharge from the inner ear (internal canker). Ulcers may be seen if a strong light enters the ear canal, especially in chronic cases. A cracking sound may be heard by gently pressing the base of the ear due to liquid.

Treatment: A dog cannot clean his ear. Help is needed by twisting cotton on a match stick dipped in Sergeant's Canker Wash. Clean up all secretion twice a day, using many small swabs and going well down into the canal of the ear. Give internally Sergeant's Arsenic and Iron Pills to purify the blood.

Chronic or obstinate cases require long treatment. Write our Medical Department for special instructions when in need.

Constipation

CONSTIPATION should be relieved at once. To neglect this condition may lead to serious troubles, for a normal bowel action is necessary to the health of all dogs. Eating too many bones, lack of exercise and improper feeding are causes.

Symptoms noted are slow, painful movements of hard, dry, chalky stools, and straining without results. A passage of black slime shows bowel obstruction.

Treatment: Withhold bones from the diet and give Sergeant's Constipation Capsules, one twice a day before feeding or as often as required. Make it a rule to give old dogs this treatment twice a week. When normal conditions have been restored, stimulate the liver and digestive organs with Sergeant's Condition Pills to avoid recurrence of the trouble.

When a case is very obstinate and does not respond to the above treatment, especially when the large colon is filled with fecal matter and laxatives have no effect, the rectum must be emptied by injections of luke-warm, soapy water or warm oil. Repeat the injections several times a day for several days until the whole canal is emptied, then give prescribed doses of Sergeant's Constipation Capsules, followed by Sergeant's Condition Pills.

Black Tongue, Sore Mouth

BLACK tongue is a sectional disease appearing in the South mostly. It seems to be a dietary disease and is seen yearly in certain locations where starchy foods are fed. It exacts a heavy toll each season and should be given prompt treatment when the first symptoms appear.

Symptoms show the surface of the lips, throat and tongue to be inflamed and ulcerated. There is a discharge of heavy, fetid saliva, which is often tinged with blood. The appetite is not affected in the beginning but fails when eating becomes painful. There is great depression of spirits and the dog may paw at his mouth because of the pain. Blood poisoning may ensue unless the symptoms are relieved.



IRISH SETTER

Treatment: Dilute Sergeant's Well Mouth as directed and apply it with a swab three times a day. As this medicine is not poisonous, small quantities may be swallowed with benefit. Sergeant's Pepsin Tablets should be given regularly during the treatment as they act favorably on the stomach, liver, digestive tracts and bowels, organs that are seriously threatened or attacked.

Feed liberally of milk, raw eggs, soups, chopped raw beef and vegetables, and resort to force feeding if the dog refuses food. Stop feeding starchy foods and corn bread. Keep plenty of fresh water before the patient and see that it is changed frequently. Wipe the dog's jaws often and be certain to burn the cloth after wiping, using a clean cloth each time.

Remove the patient from the kennel and disinfect the premises with Sergeant's Disinfectant. Wash the kennel, fence and fence posts with Sergeant's Disinfectant, diluted as directed, and sprinkle chloride of lime about freely.

Many sore mouths are caused by defective teeth. It is well always to examine the teeth often and have the diseased or decayed teeth extracted. In all cases of sore mouth swab the dog's mouth with Sergeant's Well Mouth.

Indigestion and Vomiting

THESE two symptoms of a disordered stomach are frequent in dogs. The cause may be improper feeding, lack of exercise or worms. The vomiting usually occurs after eating or drinking and excessive thirst frequently follows. The dog may be in pain and restless, moving from place to place, plainly showing his distress.

Treatment: It is always well to treat for worms with the first appearance of symptoms, unless vomiting prevents retention of food or medicine. To grown dogs, give two Sergeant's Sure Shot Capsules, and follow immediately with olive and castor oil, equal parts which may prevent vomiting, giving one-half tablespoonful of each. If vomiting is persistent, place one-half Sergeant's Pepsin Tablet, powdered, on the tongue every hour and wait for two days before worming.

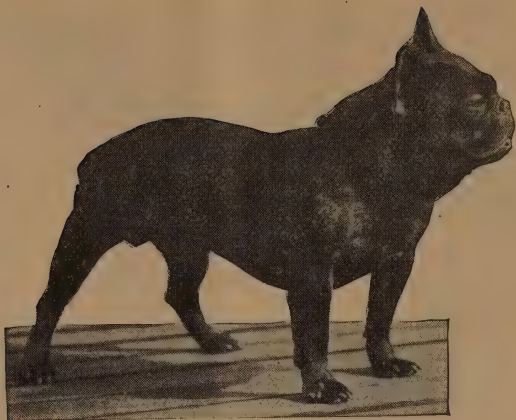
Feeding is harmful and no water should be given except by licking cracked ice. The first food to be tried is the white of a raw egg, dropped down the throat, or stirred but not whipped up, with a small quantity of ice water. One or two teaspoonfuls at a time may be given. When symptoms subside, as shown by retention of water and egg, then very small quantities of scraped raw beef may be given. Resume solid food slowly.

Follow up this condition by toning up the stomach with Sergeant's Condition Pills before meals and Sergeant's Pepsin Tablets after meals, one of each three times a day.

Vomiting

DOGS can vomit at will but frequently vomiting and continued thirst denote worms, gastritis or catarrh of the stomach. Give the following treatment:

Crush to powder one Sergeant's Pepsin Tablet and place on back of tongue. The saliva will dissolve this soothing powder and carry it to the stomach. Repeat half-hourly until vomiting ceases when a small quantity of ice water may be given. Withhold all water or food until the stomach is controlled, then feed the white of an egg stirred in half a teacup of water. Resume solid food slowly, giving Sergeant's Pepsin Tablets before each feeding three or four times a day.



FRENCH BULL

Foul Breath

FOUL breath arises from tartar, loose teeth, ulcers of the gums and cheeks, disordered stomach and chronic indigestion, and catarrh of the nasal passages.

Treatment: Scrape off tartar from the teeth and swab the mouth with Sergeant's Well Mouth twice a day; touch ulcers of the gums or cheeks at the same time. Feed dry food, increase the digestion by giving one or two Sergeant's Pepsin Tablets after meals; do not give water, except between meals, as frequent drinking retards digestion. In old dogs extract loose teeth. Give plenty of exercise and a large bone to gnaw, as this stimulates digestion, and prevents loosening of teeth and soft gums. To cure foul breath correct the cause.

Diarrhoea

THIS is the result of colds, distemper, overfeeding, improper foods and worms. It is best to start treatment in this condition with Sergeant's Sure Shot Capsules, giving one or two according to the size of the dog, followed immediately with castor oil. This will remove the irritation from the intestinal tract. Then give one Sergeant's Diarrhoea Tablet three times a day after meals. In mild cases this will soon effect a cure.

When diarrhoea persists or when streaks of blood or clots show in the feces, give one or two Sergeant's Diarrhoea Tablets every two or three hours until movements are checked. One Sergeant Pepsin Tablet may be added to each dose of diarrhoea medicine with good effect.

Feed boiled milk and raw eggs mixed, one-half teacupful three times a day and add to it each time two teaspoonfuls of lime water. Barley gruel may be substituted if the dog does not care for milk. Water should be given sparingly. Small feeds of finely chopped, lean raw meat may be given.

Rheumatism, Lumbago, Lameness

RHEUMATISM is a painful affection of the joints or muscles in any part of the body. Dogs are sufferers just like humans. It comes on abruptly with acute pain, stiff gait or refusal to move, chills, fever, thirst, off-feed, constipation and highly-colored urine. Muscular rheumatism affecting the loins (lumbago) and hind legs or the muscles of the neck and shoulders. The effort to walk is painful, especially going up steps. The dog flinches when touched. Joint or articular rheumatism generally shows a swelling of one or two joints, and is brought on like muscular rheumatism by exposure to cold or wet and usually is seen in hunting dogs and old animals. The attack is sudden, except in old dogs with stiff joints. Younger dogs usually have the muscular form, and puppies are frequent sufferers.

Treatment: Give a very hot bath if possible, rub lightly to dry off, then apply twice daily with friction to the affected parts Sergeant's Dog Rub. Cover up the body or keep under a blanket on a soft bed. Give entire rest, except for relief, as required of bowels and kidneys. If joints are tender and painful apply Sergeant's Dog Rub and wrap in flannel bandage. Give one Sergeant's Rheumatic Pill three times a day before feeding to large dogs and one pill twice a day before feeding to small dogs. The pill is both laxative and diuretic.

Feed lightly on milk, broths, soups, with a small amount of meat in them. Encourage or even force water drinking. The use of salt in the food will create a desire for water, which is necessary to keep the kidneys active as well as the bowels.

Injured and Sore Feet

LACK of exercise produces soft and tender feet; a long run or a hunting trip wears away the foot pads and sore feet result; hook worms also cause sore feet by passing through the pad of the foot in gaining entrance to the body. Because of their very small size, the hole which they produce cannot be seen by the naked eye, even though the tenderness and soreness is marked. For hook worm give internally Sergeant's Sure Shot Worm Capsules—one, two or three capsules, according to the size of the dog, before breakfast every fourth day for two or three weeks, and repeat in thirty days. At the same time, give Sergeant's Arsenic and Iron Pills—one three times a day to correct the loss of blood caused by this worm. Change the kennel location or clean up the ground and thoroughly disinfect with Sergeant's Disinfectant.

Mange may attack the feet, especially between the toes and travels up the leg; the irritation causes the dog to bite and lick his toes and feet. Daily applications of Sergeant's Mange Medicine, preceded by a hot bath, using Sergeant's Disinfectant with Sergeant's Skip-Flea Soap, repeating the bath once a week, will speedily relieve this condition. Treat the entire leg, including the elbows and hocks and check the disease from traveling upward to the body.

Do not neglect sore feet and injured nails; when cracked or long toe nails cause pain, surgery is needed. A bandage or a canvas boot may be used to protect the parts; Sergeant's Canker Wash is soothing and astringent for surgical cases and Sergeant's Dog Rub may be used on dry, cracked pads. Abscess is often found between the toes, which the dog constantly licks until it bursts open; apply Sergeant's Canker Wash twice a day and bandage, then give Sergeant's Condition Pills—one three times a day to correct the cause.

Old dogs with a stiff gait, having hard, horny pads are greatly benefitted by Sergeant's Rheumatic Pills—one three times a day. Rub affected joints, muscles and foot pads with Sergeant's Dog Rub, applying daily. Keep warm and dry.

Fits

CONVULSIONS or fits are a symptom of indigestion, teething, worms, overheat from violent exercise, the poison of distemper irritating the nerve centers, epilepsy and rickets.

To cut short a fit is impossible, except by etherizing. Try to determine the cause and remove it.

Symptoms: Fits are so common in puppies that every one knows the signs; he will whine, run, bark and foam at the mouth and may fall over; this is not rabies.

Treatment: Do not give a puppy a long walk after a full meal on a hot day. A fit from over-heating a dog or puppy calls for a cold bath until the body is cooled and the brain is calm; pick him up by the back of the neck, tie his jaws up with a bandage or handkerchief and get him quickly to a cold water bath. Give Sergeant's Sure Shot (Worm) Capsules after acute symptoms are relieved, as worms may be the cause. For indigestion clean out with Sergeant's Constipation Capsules; feed lightly and keep quiet and remove any uneaten food. Tone up the digestion with Sergeant's Pepsin Tablets, one at meal times, and follow with one Sergeant's Condition Pill, night and morning after meals. Keep the puppy cool and quiet to prevent a return of the fit. In cases of teething, when this is known to be the cause, remove any loose milk teeth and lightly lance any swollen gums.

A big bone to gnaw is very helpful.

Running Barking Fits

THIS new disease of dogs is known in different sections of the country under the following names: *Running Fits, Fright Disease, False Rabies, Barking Fits, Fit Disease, Devil Disease*, and many other odd and strange names.

It was first noticed about 1921 and is more common in the Southern and Southwestern States. Hunting dogs seem to develop the disease more readily than other breeds.

Symptoms: These usually, but not always, develop in one or two hours after the start of a hunt or following exercise. The



SHEPHERD

dog suddenly begins acting in a strange way, as if greatly frightened. He looks around and begins barking and running wild; he will continue going, barking or yelping until lost or is in a dazed state; he will endeavor to find a dark retreat and does not appear for some time. In many cases a mild state of blindness and stupid actions follow acute attacks. If the disease is acute or well advanced, these fits may develop into a convulsion severe enough to throw him on his side. The difference between this new disease and the usual puppy or dog fit which often occurs as the result of worms, indigestion or distemper, is in the frightened running symptom, and this comes on usually after exercising or hunting. Many changes in the above line of symptoms are reported from different parts of the country, but it is easy to recognize this disease from any other disease of the dog. Abscesses have been found in the ear and the rectum; worms are usually found in all hunting dogs, hence it has been suggested that these are the cause of the symptoms. It is a new, contagious disease somewhat like human grippe or influenza in spreading across wide areas of country.

Nursing: When the dog has a fit try to get hold of him and comfort him, as he knows something is wrong; keep him from

struggling as much as possible; examine the ears and rectum for abscesses or other signs of diseases; remove loose milk teeth in young dogs; remove any infected dog to a secluded kennel and do not attempt to hunt him for at least one or two months. Feed a two-thirds meat diet, adding cereals and green leaf vegetables, such as spinach, kale, cabbage or beet tops cut up fine; add either canned or raw fresh tomatoes and onions. Feed in small quantities three times a day; exercise but very little and not enough to cause fatigue. It is noted that but few cases of running fits develop unless the body temperature rises, hence exercise only in early morning and after sundown. Keep the patient in a cool cellar or kennel.

Treatment: For mild cases, those having two fits or less a day, give one RUN-FIT capsule and one RUN-FIT tablet just before meals, three times a day; if in three days you do not seem to control the fits, then give two RUN-FIT tablets three times a day with one RUN-FIT capsule three times a day, before meals. For more violent cases you can increase the tablet to three to four at a dose every three hours and also give one RUN-FIT capsule at the same time. Neither of these remedies are poisonous, and should you dog die, death is due to the poisons of the disease acting on the brain and heart, and is *not* caused in any way by our RUN-FIT medicines.

NOTE: RUN-FIT medicine carries its own worm remedy, and no further attention to worms is needed.

Epilepsy

THE attack comes on suddenly, and only older dogs are affected, puppies very seldom have this form of disease. The dog falls in a violent convulsion, champs his jaws, froths at the mouth, and is unconscious about a minute or so, when the convulsion passes. One attack may follow another, or there may be but one fit weekly or monthly, and this regularity determines the diagnosis of Epilepsy. Heredity is a strong factor in nervous dogs.

Treatment: Let the dog alone during the fit. If they recur rapidly, give chloroform in a cone to relax and check the frequency. Follow with Bromide of Potassium, giving five to



ENGLISH BULL DOG

twenty grains (according to age and size of dog) in two tablespoonfuls of water. Repeat every hour until relieved, then give the same medicine three times a day. A long course of treatment may be needed to affect a cure. If either round or tapeworms are suspected, give Sergeant's Sure Shot Worm Capsules, or Sergeant's Improved Tapeworm Medicine, to overcome the worms, following the directions on the box. Tone up the system with Sergeant's Arsenic and Iron Pills, giving one night and morning for a week, then alternate with Sergeant's Condition Pills.

Rabies

IF you suspect this terrible disease in your dog, promptly consult a veterinarian. The fits of puppyhood caused by worms, distemper, fever, or teething will not produce rabies. A dog must be bitten by a rabid dog to develop rabies. The disease kills its victim in about six days after symptoms first appear. Fits only occur in the last stages of rabies.

Note: Write our Medical Director at once if the disease appears in your vicinity. He can advise you how to protect your dog, even if he should be bitten.

Sergeant's Skip-Flea Soap

A SAFE
PET



A HIGH-GRADE Soap, made of the finest ingredients. Contains nothing poisonous and is perfectly harmless to the most delicate skin.

Washing is the most effective way to rid the dog of fleas. Make a rich suds of Skip-Flea Soap and, beginning at the nose and head, work the suds into the skin until the entire dog is completely covered. Allow the suds to remain on five or ten minutes, then wash off and rinse thoroughly with luke-warm water. A dog may be bathed every other day in hot weather without injury to his coat. It will be a relief and he will enjoy it.

Sergeant's Skip-Flea Soap not only is effective in ridding a dog of fleas and lice, but it especially effective for human use. The following letter from a prominent and eminent firm of analytical chemists attests to the unusual qualities of this soap:

Polk Miller Drug Co., Inc.,
Richmond, Va.
Gentlemen:

We have witnessed the application of Sergeant's Skip-Flea Soap on a flea-infested dog, and made microscopic examination of the fleas remaining on and taken from the dog after the bath. We found every flea dead, the bottom of the bath tub brown with dead fleas and many floating on top, all dead.

We are thoroughly familiar with the ingredients composing Sergeant's Skip-Flea Soap and have seen it used on children's heads infested with lice, killing the lice instantly. The soap has a soothing effect on the skin irritated by insect bites. We have also found it very effective in cases of human body lice.

It is perfectly harmless to the most delicate skin.

Respectfully,

FROEHLING & ROBERTSON.

Fleas, Lice, Ticks and Harvest Bugs

FLEAS lay eggs in filth, in cracks, in the bedding, on the ground and in rubbish heaps. They make life miserable for dogs or cats and bring on serious skin troubles, and carry worm eggs that infest dogs with worms.

Where fleas are present the breeding places should be removed or cleaned up and thoroughly soaked with a solution of Sergeant's Disinfectant diluted according to directions. Persistence is required, for fleas multiply rapidly in warm weather. Wash the dog all over with Sergeant's Skip-Flea Soap and after the bath sprinkle Sergeant's Skip-Flea Powder along the back and tail. This powder keeps the fleas away. Sprinkle the powder where the dog or cat sleeps.

Lice are the worst pests that dog owners have to contend with, because their entire life is spent on the animal. Thorough and repeated washings with Sergeant's Skip-Flea Soap and Sergeant's Disinfectant will kill them. It requires about three washings to rid the dog of them, for the nits have to be destroyed. Washing with this soap once a week thereafter and combing with fine comb and hard brushing daily usually will keep the dog free of these annoying pests.

Ticks are not as common as fleas or lice, but when on the dog, should be given immediate attention. Ticks vary in size from a pinhead to pea and fasten themselves closely to the skin. Use Sergeant's Disinfectant according to directions. Hand pick after touching each tick with a drop of pure Sergeant's Disinfectant. Harvest Bugs, sometimes called chiggers, are a small red mite that burrow into the skin and cause intense itching. Treat as for ticks.

Sergeant's Skip-Flea Powder

SOME people do not wash their dogs in cold weather. Sergeant's Skip-Flea Powder is used by them. Shake the powder liberally all over the animal and, beginning at the tail, rub the powder to the skin, working toward the head. Stand the animal on a paper and brush the fleas off. Burn the paper immediately. This powder is non-injurious, does not nauseate, and gets the fleas. Use it on poultry; sprinkle



PEKINGESE

it liberally around premises where there are water bugs, roaches, ants and other insects. A great many people dust their dogs with Skip-Flea Powder after each bath, sprinkling it along the back and tail. It gives a delightful odor, but fleas do not like it. Sergeant's Skip-Flea Powder is splendid for use on cats.

Sergeant's Disinfectant

ALL dog owners should use Sergeant's Disinfectant as an aid in preventing diseases. In case of Distemper, Black Tongue, Mange and other contagious diseases, disinfect the sleeping quarters, bedding and premises with Sergeant's Disinfectant by making a solution, using three tablespoonfuls to each gallon of water and use as a sprinkle, spray or wash; adding Sergeant's Disinfectant, one gallon to a barrel of white-wash gives a fresh, clean odor to kennels, and sprayed over the ground will kill flea and worm eggs.

For fleas, lice and ticks on dogs make a solution of three tablespoonfuls of Sergeant's Disinfectant to a gallon of water and apply liberally to body, legs, head and tail, and rub in to the skin. Use weekly in same proportions as a kennel dip or wash to keep animals free of fleas, lice and infection.

Sergeant's Disinfectant is excellent for general household use.



BOSTON TERRIER

Goitre

GOITRE is a swelling that appears on the side and the undersurface of the neck, and is due to an enlargement of the thyroid gland. The hair should be cut from the center and around the swelling and the bare spot painted with Sergeant's Special Dog Rub daily. The animal should be given Sergeant's Special Goitre Pills—one to two pills three times a day, depending on the size and the age of the dog. The constitution should also be built up with Sergeant's Condition Pills. Puppies are often affected, sometimes whole litters seem to be born with it. The cause is uncertain in either old or young dogs. If treatment is started early, many cases may be cured in puppies and older dogs.

Chilling or catching cold by draughts, or from lying on cold floors, often develop this painful swelling in puppies.

Note: This special Goitre Treatment (including Pills and Rub) is only put up on order. Price, \$2.00.

Rickets

THIS disease is a softening of the bones appearing in puppies from six weeks to six months old; it is a painful, deforming disease due to lack of bone nutrition and food from which to grow bone. In this disease the joints are enlarged at the knees, hocks and stifles; the arms are bowed and the hocks turned out, the puppy walks on the backs of his legs instead of his feet. Face bones may swell and there is often a curvature of the spine with a pot belly and a thin, miserable appearance. Acute and painful cases should be destroyed.

The causes of this disease are worms, improper feeding of the dam and feeble digestion in the puppy after weaning.

Treatment: A long time is required to effect a cure; nourishing foods, chopped raw beef mixed with bread crumbs or dog crackers twice a day, soups and milk to be given alternately, cod liver oil, one-half to one teaspoonful twice a day, and Sergeant's Condition Pills given one night and morning. Use one or two Sergeant's Pepsin Tablets after each meal to increase the digestive power of the stomach. Add one-fourth lime water to whole fresh milk; allow the puppy to gnaw or chew large, raw or green bones. To the painful joints apply Sergeant's Dog Rub once or twice a day. A bandage to the legs will give support and relief. Any treatment is useless without fresh air, sunshine and liberty. This is a disease of neglect and is readily prevented by proper care.

How to Remove Warts

WARTS are found in the mouth, growing on the gums, the cheeks and on the edge of the lips. They also appear on the body and legs.

Do not cut warts, as the bleeding may cause them to spread. Tie a piece of silk thread around the large and isolated warts and they will drop off in a few days. Smaller warts in the mouth may be removed by swabbing them three times a day with a teaspoonful of common soda in half a pint of water, or vinegar, or tincture of iron chloride.

Flat warts on the body can be removed by touching them with nitrate of silver. Be careful, however, and do not let the dog's tongue come in contact with this medicine. When an old dog has a great number of warts with ones constantly forming, it is best to leave them alone.



ST. BERNARD

How to Register a Dog

MAKE application to the American Kennel Club, 221 Fourth Avenue, New York City, for a registration blank. This free blank contains all the necessary points for registering your dog, the fee for which is \$2.00.

RULES GOVERNING REGISTRATION

1. Both Sire and Dam must be registered dogs for their puppies to be eligible to registration.
2. No kennel name shall be given, as owner or breeder of a dog unless such name has been registered with the American Kennel Club. The breeder of the dog is the person owning or leasing the bitch at the time of being bred.
3. It is necessary to have the signature of both the breeder (owner of dam), and owner of sire.

Prices of Sergeant's Dog Medicines

SERGEANT'S DISTEMPER MEDICINE.....	\$1.20
For treating Distemper in pups and dogs.	
SERGEANT'S MANGE MEDICINE.....	.65
For treating skin and blood diseases.	
SERGEANT'S CONDITION PILLS.....	.60
A tonic and alterative for pups and dogs.	
SERGEANT'S SURE SHOT CAPSULES.....	.60
For roundworms, pinworms and hookworms in pups of any size, age and breed; also for large and older dogs.	
SERGEANT'S SURE SHOT LIQUID.....	.60
For pups and older dogs. For owners who prefer a liquid vermifuge.	
SERGEANT'S TAPE WORM MEDICINE.....	.60
For tapeworm in pups and dogs.	
SERGEANT'S ARSENIC AND IRON PILLS.....	.60
A blood purifier. For treating blood and skin diseases.	
SERGEANT'S CANKER WASH	.60
For treating internal and external Ear Canker.	
SERGEANT'S WELL MOUTH.....	.60
For treating Sore Mouth and Black Tongue.	
SERGEANT'S PEPSIN TABLETS.....	.60
For treating Indigestion, Vomiting and Colic in pups and dogs. Splendid for pups at weaning time.	
SERGEANT'S DIARRHOEA MEDICINE.....	.60
For treating Diarrhoea and Dysentery in pups and dogs.	
SERGEANT'S COUGH MEDICINE.....	.60
For Coughs, Colds and Asthma in pups and dogs.	
SERGEANT'S RHEUMATIC PILLS.....	.60
For treating Rheumatism and Lumbago in pups and dogs.	
SERGEANT'S DOG RUB	.60
A splendid liniment for lameness, sore muscles and swollen limbs in pups and dogs.	

SERGEANT'S EYE WASH.....	.60
For treating eye trouble in pups and dogs.	
SERGEANT'S CONSTIPATION CAPSULES	.60
For treating Constipation in pups and dogs.	
SERGEANT'S CARBOLIC TAR SOAP.....	.25
A splendid all-purpose soap.	
SERGEANT'S SKIP-FLEA SOAP.....	.25
A wonderful bath soap for pups and dogs. Will kill fleas, lice and certain other vermin. A pure high-grade soap that soothes the skin and leaves coat soft and fluffy.	
SERGEANT'S SKIP-FLEA POWDER.....	.25
For fleas and lice on dogs and cats. Will not nauseate and is not injurious.	

SERGEANT'S DISINFECTANT—

4-oz. bottles.....	\$.25	1 quart	\$.75
12-oz. bottles.....	.50	1 gallon	2.00

An antiseptic and insecticide, cleaner and deodorant. Aids in preventing diseases. Of great value for use in cases of Distemper, Mange, Black Tongue and other contagious diseases; will rid the kennel's sleeping quarters and premises of fleas and lice. Will kill fleas, lice and certain other vermin on dogs and other animals, and is excellent as a kennel dip.

CANINE DISTEMPER VACCINE—

For preventing Distemper in pups and dogs.

5 Cc Vial (sufficient for one pup or dog), without syringe	\$1.00
5 Cc Vial (sufficient for one pup or dog), with syringe and 2 needles	2.50
20 Cc Vial without syringe	3.00
20 Cc Vial with syringe and 2 needles	4.50

OUR GUARANTEE

We guarantee every package of Sergeant's Dog Medicine to be satisfactory to the purchaser or money will be promptly refunded. Every dealer is authorized to refund the purchase price if his customer is not fully satisfied.

POLK MILLER DRUG COMPANY, INC.

RICHMOND, VIRGINIA

Why Sergeant's MANGE MEDICINE

Is Used for Human Heads



Fifty years ago Sergeant's Mange Medicine was a recognized treatment for dogs. Dog owners knew that nothing else so quickly relieved skin troubles and caused such thick and luxuriant growth of hair.

Then a new idea was born. Users wrote us that Sergeant's Mange Medicine proved equally beneficial to human heads. It made healthy scalps—and allowed healthy hair to grow! Gradually the news spread, until today, throughout the length and breadth of the country, men and women use Sergeant's as a *scalp treatment* with amazing success.

Dandruff, itching scalp, falling hair and other hair ailments are the result of an unhealthy scalp. Sergeant's corrects these ailments by removing the cause. It breaks up scales of dandruff and greasy crusts caused by clogged oil glands. It penetrates the scalp-pores, loosening dirt and impurities, invigorating scalp tissues and

causing increased blood circulation, furnishing increased nourishment to the hair roots. Thus the hair is allowed to resume its normal, healthy growth.

Sergeant's is a combination of pure natural oils sulphuretted by an exclusive process. Its clean, piney odor indicates that it is an antiseptic cleanser of *real medicinal value*—not just a sweet-smelling, prettily colored lotion. The first application leaves no doubt of its efficiency. It imparts a delightful tingling sensation to the scalp, followed by a pleasantly cool, refreshed feeling. It leaves the skin perfectly clean and suffused with the pink, healthy glow of free circulation. Its regular use exerts a continued, lasting benefit to hair and scalp.

Sergeant's is enthusiastically endorsed by delighted users throughout the country, from whom we have thousands of unsolicited testimonials. It is sold at drug and toilet counters and pet shops everywhere; also applied at leading barber shops and hair dressing establishments. You may secure it direct from us if your dealer hasn't it. Price, 65c for large bottle.

POLK MILLER DRUG CO., INC., RICHMOND, VIRGINIA

SERGEANT'S MANGE MEDICINE

**MAKES HEALTHY
SCALPS**

**HEALTHY SCALPS
GROW HEALTHY
HAIR**

